## ABSTRACT OF THE DISCLOSURE

Disclosed is a fuel cell power generating system which comprises a fuel cell unit having a coolant circulation system; a water storage tank for supply water to serve as coolant for the fuel cell unit; a water treatment system for purifying the supply water in the water storage tank and supplying the purified supply water as coolant to the fuel cell unit; heating means for heating water; a hot water storage tank for hot water acquired by the heating means; and a condensed-water supply system for supplying the water storage tank with condensed water obtained by condensing steam from the hot water in the hot water storage tank.